



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LABOR & ECONOMIC GROWTH
Michigan Occupational Safety & Health Administration
(MIOSHA)

ROBERT W. SWANSON
DIRECTOR

MIOSHA ERGONOMICS STANDARD ADVISORY COMMITTEE FOR APPENDICES AND OTHER EDUCATIONAL RESOURCES

AMENDED MEETING MINUTES

**September 27, 2006--10 a.m.
General Office Building--7150 Harris Drive
State Secondary Complex--Lansing
Conference Room B**

PRESENT

COMMITTEE MEMBERS:

Sheryl Ulin..... University of MichiganCo-Chairperson
Andrew Comai UAW International Union
David Cwynar..... DAC Physical Therapy, LLC
George Vondrak..... Blue Cross Blue Shield of Michigan
Nancy McLaughlin Agility Health Professionals, Inc.
Scott Tolmie DaimlerChrysler
Teresa Bellinger Haworth, Inc.
Tycho Fredericks Western Michigan University

MIOSHA STAFF:

Bart Pickelman..... MIOSHA General Industry Safety & Health Division
Christine Hundt MIOSHA Standards Section
Dena Hendon..... MIOSHA Standards Section
John Peck MIOSHA
Marsha Parrott-Boyle MIOSHA Standards Section
Richard Zdeb MIOSHA Consultation/Education/Training Division
Ron Ray MIOSHA Management & Technical Services Division

VISITORS:

Jeannine Benedict DLEG Office of Policy and Legislative Affairs
Andrea Smutz Genesee County Controllers Office

Introduction

Co-chair Sheryl Ulin opened the first meeting of the MIOSHA Ergonomics Standard Advisory Committee for Appendices and Other Educational Resources. The committee members and MIOSHA staff introduced themselves.

Background--History

Marsha Parrott-Boyle reviewed the history of the MIOSHA Ergonomics Standard. In June and August of 2002 the Occupational Health Standards Commission and the General Industry Safety Standards Commission directed MIOSHA to create an advisory committee to draft a Michigan ergonomics standard. A Joint Commission Steering Committee met and developed guidelines for a minimum standard and a slate of candidates for the advisory committee. The advisory committee's 1st meeting was on October 30, 2003 and its 25th meeting was on June 28, 2006. The committee working on appendices and other educational resources will develop non-mandatory appendices that will accompany the final standard.

Background--Proposed Draft Rule (June 28, 2006)

Ms. Ulin reviewed the MIOSHA 'Ergonomics in General Industry' Standard Draft #15 dated June 28, 2006 with the committee. This is a minimum rule with an emphasis on training and on the process for assessing and responding to ergonomic occupational risk factors.

Scott Tolmie pointed out to the committee that in Section C(4) of Draft #15 the word "effective" is used twice in one sentence.

Risk Factors

The committee began its work by reviewing "Excerpts from Draft ANSI Z365 (10/00)--Management of Work-related Musculoskeletal Disorders." The committee decided to make this handout the basis for its Appendix A on Risk Factors with the following changes:

Under "Job analyses considers the following work-related risk factors"

"Force and contact stress" was changed to "forceful exertions." "Contact stress" was listed as a separate item. "Postures and motions" was changed to "awkward postures and motions." "Repetition" was added as separate item.

Under "Risk Factor Descriptions"

A description was added for Awkward Postures and Motions--Posture is the position your body is in and affects muscle groups that are involved in physical activity. Awkward postures and motions include repeated or prolonged reaching, twisting, bending, kneeling, squatting, working overhead with your hands or arms, or holding fixed positions.

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The description for Cold Temperature was edited to read--Exposure to low temperatures. Work involving the handling of frozen or refrigerated materials, the immersion of body parts in cold media, or the exposure to cold air exhaust. Examples include:

The description for Contact Stress was edited to read--Pressing body parts against a hard or sharp edge can result in placing too much pressure on nerves, tendons, and blood vessels. For example, using the palm of your hand as a hammer.

The description for Forceful Exertions was edited to read--Force is the amount of physical effort required to perform a task (such as heavy lifting) or to maintain control of equipment or tools. The amount of force depends on the type of grip, the weight of an object, body posture, the type of activity and the duration of the task. Examples of forceful exertions include:

The description for Repetition was edited to read--Doing the same motions over and over again places stress on the muscles and tendons. The severity of risk depends on how often the action is repeated, the speed of the movement, the number of muscles involved and the required force.

The description for Vibration was edited to read--Amount of vibration can result in serious injury. Operating vibrating tools such as sanders, grinders, chippers, routers, drills, chain saws and other saws, jackhammers, or sitting/standing on vibrating surfaces (i.e. truck drivers).

Pictures will be added to Appendix A to show "awkward postures and motions" as well as pictures for some of the other terms.

Sheryl Ulin will submit some examples of forceful exertions, contact stress, and exposure to cold temperatures; and they will be added to the draft of appendix A.

Next Meeting

The topic of "Signs and Symptoms" will be discussed at the next meeting.

The next meeting is scheduled for Wednesday, October 25, 2006 at 10 a.m. The meeting will be held at the General Office Building, 7150 Harris Drive, Lansing, Conference Room B.

Public Comment

Ms. Andrea Smutz from the Genesee County Controllers Office submitted her opinions to the committee throughout the meeting.

Adjournment

With no further business before the committee, the meeting was adjourned.

****Minutes were reviewed and approved at the November 29, 2006 meeting.****